SWAN
A NEW
ALMANACK
For the year of our
LORD GOD
1677.

Being the first after Bissextile or Leap-year, and from the Creation of the World (at the Spring) 5680 years compleat.

Wherein is shewed the Principal Aspects of the Planets, with the beginning and ending of the Terms, both at *Cambridge*, and *London*, with several other things of note suitable for a work of this kind.

Calculated properly for the famous University and Town of *Cambridge*, whose Longitude is 24 degr. and 20 min. Latit. 52 Deg. and 17 min.

Dixit autem Deus, fiant Luminaria in Firmamento Cœli, & dividant Diem ac Noctem: & sint in Signa, & tempora, & Dies, & Annos, Gen. 1. 14.

CAMBRIDGE:
Printed by *John Hayes*, Printer to the University. 1677.

A Regal Table from Egbert (of whom it is thought England took its name) to our Sovereign Lord King Charles the second.

Kings names	Reig. begā. A. C.	Reign. years.	Kings names.		Reig. begā A. C.	Reign. years
Egbert	818	18	Henry	2	1154	35
Ethelwolf	836	21	Richard	1	1189	10
Ethelbald	857	1	John		1199	17
Ethelbert	858	5	Henry	3	1216	56
Ethelfred	863	10	Edward	1	1272	35
Alfred	873	27	Edward	2	1307	19
Edward 1 sax.	900	24	Edward	3	1326	51
Ethelstan	924	16	Richard	2	1377	22
Edmond 1.	940	6	*Line of Lanc.*			
Edred	946	9	Henry	4	1399	13
Edwyn	955	4	Henry	5	1413	9
Edgar	959	20	Henry	6	1422	38
Edward 2 sax.	979	27	*Line of York.*			
Ethelred	982	34	Edward	4	1460	23
Edmond 2	1016	1	Edward	5	1483	0
Danish Line			Richard	3	1483	2
Canutus	1017	20	*Families united.*			
Harold 1.	1037	3	Henry	7	1485	24
Hardicanutus	1040	2	Henry	8	1508	40
Edward conf.	1042	23	Edward	6	1547	6
Harold 2	1065	2	Q. Mary		1553	5
Norman Line			Q. Elizabeth		1558	44
Wil. Conquer.	1066	20	King James		1602	22
Wil. Rufus.	1087	13	Charls	1	1625	24
Henry	1 1100	35	Charls	2	1648	28
Stephen	1135	19	whom God preserve.			
Saxon Line restored						

This Table needs no explanation, for find but the Kings name in the 1, or 4 Column, and in the 2 or 5 you have the year of Christ in which he began his Reign, and in the 3 or 6 Column the years he Reigned.

A Table of the Terms with their Returns.

Hilary Term begins January 23, ends February 12.

Return days, or days of essoin.	Days of Exception	Returna Brevium.	Days of Appeara.
Octa. Hilar. Jan. 20	Jan. 21	Jan. 22	Jan. 23
Quind. Hilar. Jan. 27	Jan. 28	Jan. 29	Jan. 31
Craſt. Purif. Feb. 3	Feb. 3	Feb. 5	Feb. 6
Octab. Purif. Feb. 9	Feb. 9	Feb 12	Feb. 12

Eaſter Term begins May 2, ends May 28.

Quind. Paſch. Apr. 30	May 2	May 3	May 4
Tres Paſch. May 7	May 8	May 9	May 10
Menſ. Paſch. May 14	May 15	May 16	May 17
Quinq. Paſch. May 21	May 22	May 23	May 24
Craſt. Aſcen. May 25	May 26	May 28	May 28

Trinity Term begins June 15, ends July 4.

Craſt. Trin. June 11	June 12	June 13	June 14
Octab. Trin. June 18	June 19	June 20	June 21
Tres Trin. June 25	June 26	June 27	June 28
Quind. Trin. July 2	July 3	July 3	July 4

Michaelmas Term begins Octob. 23, ends Novem. 28.

Tres Mich. Octob. 20	Octob. 22	Octob. 23	Octob. 24
Menſ. Mich Octob. 27	Octob. 29	Octob. 29	Octob. 30
Craſt. anim. Novem. 3	Novem 5	Novemb. 5	Novemb. 6
Craſt. Mart. Nov. 12	Nov. 13	Novemb. 14	Novem. 15
Octab. Mart. Nov. 19	Nov. 20	Novemb. 21	Novem. 22
Quind. Mart. Nov. 26	Nov. 27	Novemb. 27	Novem 28

The Table of the Terms explained.

FIrſt you are to know that every Return hath a Baſis or known day, from whence it takes its denomination.

Craſtino is the morrow after the Baſis, or day nominated, as Craſtino Trinitatis is the morrow after Trinity Sunday, which is the Baſis or day that gives the denomination: Octabis is 8 days after Incluſively; Quind. is 15 days after; Tres that day 3 weeks; Menſe that day moneth; and Quinq. that day 5 weeks.

Now every one of theſe Returns hath 4 ſeveral days whereof they conſiſt, the firſt whereof hath a double ſignification; the one is the day of Return, and the other the day of Eſſoyn for the Defendant in a perſonal Action, or the Tenant in a reall Action, to be Eſſoyn'd: the ſecond is the day of exceptions, for the Plaintiff, or Defendant to lay an exception, if no Eſſoyn be caſt, that the Defendant ſhall not be Eſſoyn'd or Amerced: The third is Returna Brevium, that is, the day whereon the Sheriff muſt return the Writ: And the fourth is the day of Appearance for Parties and Jurors in the Court of Common Pleas.

But when any of theſe days fall upon Aſcenſion day, Midſummer day, All Saints day, or the Feaſt of the Purification, or any other Saints day, or Sunday, the next day ſerves for both; as if the Eſſoyn day fall upon a Sunday, then Munday muſt ſerve for that, and for the day of Exception both, as you may find by the foregoing Table.

The following Table ſheweth the Suns Meridian, Altitude and Declination, as alſo the length of the Day, and Night, with the continuance of Twilight, anſwerable to every 6 Degr. of the Suns place, for the Latitude of 52 Degr. 17 min.

Suns

Suns place.	M.Al. D.	M.	Declin. D.	M.	Len.D. H.	M.	Le. N. H.	M	Twi-ligh H.	M.
♋ 30	61	14	23	31	16	34	7	26	All day	
6 24	59	40	23	23	16	32	7	28	and	
12 18	58	6	22	58	16	28	7	32	no night	
18 12	56	32	22	18	16	16	7	44	but	
24 6	54	58	21	23	16	8	7	52	continual	
♌ ♊	53	24	20	13	15	50	8	10	Twi-light.	
6 24	51	50	18	50	15	27	8	34	3	25
12 18	50	16	17	15	15	6	8	54	2	59
18 12	48	42	15	29	14	40	9	14	2	43
24 6	47	8	13	34	14	28	9	32	2	32
♍ ♉	45	34	11	30	14	0	10	0	2	24
6 24	44	0	9	20	13	36	10	24	2	17
12 18	42	26	7	5	13	12	10	42	2	11
18 12	40	52	4	45	12	48	11	12	2	7
24 6	39	18	2	23	12	24	11	36	2	4
♎ ♈	37	43	0	0	12	0	12	0	2	2
6 24	36	9	2	23	11	32	12	23	2	0
12 18	34	35	4	45	11	8	12	52	1	59
18 12	33	1	7	5	10	42	13	18	1	59
24 6	31	27	9	20	10	20	13	40	1	59
♏ ♓	29	53	11	30	9	46	14	14	2	0
6 24	28	19	13	34	9	32	14	28	2	1
12 18	26	45	15	29	9	12	14	48	2	2
18 12	25	11	17	15	8	54	15	6	2	4
24 6	23	37	18	50	8	30	15	30	2	6
♐ ♒	22	3	20	13	8	12	15	48	2	8
6 24	20	29	21	23	7	56	16	4	2	10
12 18	18	45	22	18	7	44	16	16	2	12
18 12	17	11	22	58	7	34	16	26	2	13
24 6	15	37	23	23	7	30	16	30	2	15
30 ♑	14	12	23	31	7	26	16	34	2	16

Having found the Sign and Degr. the Sun is in, in the following Almanack, find the same in the 1. or 2. Col. and right against the same in the 3. Col. are the Degr. and min. of the Suns Merid. Altit. in the 4. his Declin. either North or South according to the Sign he is in; in the 5. the length of the Day; in the 6. the length of the Night; in the 7. the continuance of Twi-light, morning and evening.

The Vulgar Notes and Moveable Feasts in both Accounts. viz.

Julian or English		Gregorian, or Forreign.
6	Golden Number	6
6	Cycle of the Sun.	6
6	Epact.	26
ℂ	Dominical Letter	ℂ
February 25	Shrove sunday	28 February
April 15	Easter day	18 April
May 20	Rogation-sunday	23 May
May 24	Ascension day	27 May
June 3	Whitsunday	6 June
June 10	Trinity-sunday	13 June
Decemb. 2	Advent-sunday	28 November

Some things in the following Alm. explained.

The 4 day of January among the Aspects of the Planets you will find ☽ Apogæon, that is, the Moon is then at her greatest distance from the earth: the 20 day you find ☽ Perigæon, that is, the ☽ is then nearest the earth: when you find ☽ cum ☊, the meaning is, the Moon is then with the Dragons-Head; when ☽ *cum* ☋, the ☽ is then with the Dragons-Tail, which are nothing else but the Intersections of the Moons Orb with the Ecliptick, when you find Stat. ad Direct it sheweth that Planet is Stationary to Direction; but if you find ☿ at. ad Ret. that Planet is Stationary, and becomes Retrograde; when you find any of the Planets Oriental, the meaning is, they are then morn. Stars; if Occidental, they are evening Stars: when you find ☿ elongitude Max. à ☉, or elong. M. à ☉, the meaning is, Mercury is then at his greatest distance from the Sun: *a.* stands for *ante*, or before noon; *p.* for *post*, or afternoon; *n.* or *e.* for noon.

The

The Scarlet days in the University of *Cambridge*, are as followeth.

All Saints, Christmas, Easter, Ascension, Whitsunday, Trinity-sunday, Commencement, and the 29 of May; At the two Fairs proclaiming in June and September, The Feast of Saint Michael, and the 5 of November.

To Funerals, Clerums and Supplications, All Doctours go as to Congregations; That is in their Robes.

MArriage comes in on the 13 day of January, and at Septuagesima Sunday it is out again until Lowsunday, at which time it comes in again, & goes not out till Rogation-sunday: thence it is forbidden until Trinity-sunday: from whence it is unforbidden till Advent-sunday: but then it goes out, and comes not in again till the 13 day of January next following.

The Names, and Characters of the 12 Signs, with the parts of mans Body which they are said to govern.

♈ Aries head and Face	♎ Libra Reins & Loyns
♉ Taurus neck and Throat	♏ Scorpio Secret members.
♊ Gemini Arms & Shoul.	♐ Sagitarius the Thighs.
♋ Cancer Breast & Stom.	♑ Capricornus the Knees.
♌ Leo Heart and Back	♒ Aquarius the Legs.
♍ Virgo Bowels and Belly	♓ Pisces the Feet.

Note that the Planet ☿ is our morning Star to the 19 of June, and after that our Even Star till April 9, 1678.

January hath xxxi days.

Full moon the 8 day, 17 min. past 11 at night
Last quarter the 16 day, 40 min. past 2 afternoon
New moon the 23 day, 31 min. past 5 morning
First quarter the 30 day, 2 min. past 3 afternoon.

						Sun-rising.		Sun-setting.	
1	a	Circumcision	22	Taur.	0 8	4	3		56
2	b	Octab. Steph.	23		12 8	3	3		57
3	c	Oct. John	24		24 8	2	3		58
4	d	Oct. Innoc.	25	Gem.	6 8	0	4		0
5	e	Simeon	26		18 7	59	4		1
6	f	Epiphany	27		29 7	58	4		2
7	G	1 sun. af. Ep.	28	Canc.	11 7	57	4		3
8	a	Lucian P	29		23 7	55	4		5
9	b	Sun in Aquar.	♒	Leo	6 7	54	4		6
10	c	Paul Hermit	1		18 7	52	4		8
11	d	Hygin M.	2	Virgo	0 7	51	4		9
12	e	Benedict Ab.	3		13 7	50	4		10
13	f	Hillary Bish.	4		26 7	48	4		12
14	G	2 aft. Epiph.	5	Libra	9 7	47	4		13
15	a	Mauritius	6		25 7	46	4		14
16	b	Marcellus	7	Scorp.	6 7	45	4		15
17	c	Anthony	8		20 7	44	4		16
18	d	Prisca	9	Sagit.	4 7	42	4		18
19	e	Wolstan	10		19 7	40	4		20
20	f	Octab. Hil.	11	Capr.	3 7	38	4		22
21	G	3 sun. af. Ep.	12		18 7	36	4		24
22	a	Vincent	13	Aqu.	3 7	34	4		26
23	b	Term begins	14		18 7	32	4		28
24	c	Timothy b.	15	Pisces	2 7	30	4		30
25	d	Conv. S. Paul	16		16 7	28	4		32
26	e	Polycarp.	17	Aries	0 7	26	4		34
27	f	Quind. Hilar.	18		13 7	24	4		36
28	G	4 aft. Epiph.	19		26 7	22	4		38
29	a	Gildas Ab.	20	Taur.	8 7	20	4		40
30	b	K. Ch. 1. Mart.	21		20 7	18	4		42
31	c	Saturn	22	Gem.	2 7	16	4		44

The Stars like loving friends, the year in bring,
And Jove, and Mercury, close guard their King;
But Mars, and Saturn, (matters of disorder,
Whose whole delights in quarrels, brawls, and murder,)
Soon change the scene; Mars doth loves queen oppose,
And Sol, and Stilbon Saturn squares like foes.

January 1677.

Not much alteration of weather till toward the middle of the mon, then expect tempestuous and stormy weather, yet not very cold, the later part more cold with some frost and snow.

Cambridge Term begins the 13 day.

February Roman account.

The 30 day at 9 in the evening, the Moon may be seen in Conjunction with the 7 Stars about 3 Degrees distant in respect of Latitude

1	11		
2	12		
3	13	☌ ♄ ☽	2 a.
4	14	☽	Apogæon.
5	15	△ ♄ ☿	1 p.
6	16	☌ ♂ ☽	9 a.
7	17		
8	18		
9	19	♄	Stat. ad Dir.
10	20		
11	21		
12	22	(♃	Orient.
13	23	☌ ♃ ☉	4 p. &
14	24	☍ ☌ ♀	4 p. &
15	25	☌ ♃ ☿	11 p.
16	26	☌ ☉ ☿	8 a.
17	27	☿	Occident.
18	28	☊	cum ☊.
19	29		
20	30	☽	Perigæon &
21	31	☌ ☽ ♀	1 p.
22	1	☌	Stat. ad D.
23	2	□ ♄ ☿	7 a. &
24	3	☌ ☿ ☽	4 p.
25	4		
26	5		
27	6	△ ☌ ☿	8 a.
28	7	□ ♄ ☉	3 p.
29	8		
30	9		
31	10	☌ ♄ ☽	10 a.

February hath xxviii days.

Full moon the 7 day 18 min. past 4 afternoon
Last quarter the 14 day 12 min. past 11 at night.
New moon the 21 day 28 min. past 5 afternoon.

M.D.	W.D.	Festival days with terms.	Suns plac.	Moons place.	Sun rise	Sun set
1	d	Bridget fast.	23	Gem. 14	7 14	4 46
2	e	Purification	24	26	7 12	4 48
3	f	Crast. purifi.	25	Canc. 8	7 10	4 50
4	G	5 aft. Epiph.	26	20	7 8	4 52
5	a	Agat. Ma.	27	Leo 2	7 6	4 54
6	b	Dorothy M.	28	14	7 4	4 56
7	c	Rumwal. A.	29	27	7 2	4 58
8	d	Sun in Pisces	♓	Virg. 10	7 0	5 0
9	e	Apollon. M.	1	23	6 58	5 2
10	f	Scho. Oct. P.	2	Libr. 6	6 56	5 4
11	G	Septuagesima	3	20	6 54	5 6
12	a	Term ends	4	Scor. 3	6 52	5 8
13	b	Agabus	5	17	6 50	5 10
14	c	Valentine	6	Sagit. 1	6 48	5 12
15	d	Faustine	7	15	6 46	5 14
16	e	Policron	8	29	6 44	5 16
17	f	Constant	9	Capr. 13	6 42	5 18
18	G	Sexagesima	10	27	6 40	5 20
19	a	Sabine	11	Aqua. 12	6 38	5 22
20	b	Mildred vir.	12	26	6 36	5 24
21	c	Timbret	13	Pisc. 10	6 34	5 26
22	d	Cath. Peter	14	24	6 32	5 28
23	e	Serenus fast	15	Aries 8	6 30	5 30
24	f	S. Matthias	16	21	6 28	5 32
25	G	Quinquagesi.	17	Taur. 4	6 26	5 34
26	a	Victorin	18	16	6 24	5 36
27	b	Shrovetuesd.	19	28	6 22	5 38
28	c	Ash-wednesd.	20	Gem. 10	6 20	5 40

Sun rising. Sun setting.

The Stars are friends again; and well agree,
The most part of this moneth; from hence may we,
Learn no revenge to use, or malice bear.
Though to fall out (sometimes) some cause's are:
Jove (near the end) visits the queen of love,
Which (to fall out with her) doth sa urn move.

En.	Ro.	Planets aspects	Inclinations of the air.
1	11	☽ cum ♅.	
2	12	△ ♄ ☽ 11 a. &	
3	13	☌ ♂ ☽ 2 p.	
4	14	D Apogæon.	
5	15	△ ♂ ☉ 2 p.	
6	16	♃ ♀ oriental.	
7	17	♄ ☌ ♀ occid.	
8	18		
9	19		
10	20	✶ ♄ ♀ 10 a.	
11	21	♀ elong Max.	
12	22	☌ ☉.	
13	23		
14	24		
15	25	☽ cum ♌.	
16	26	☽ Perigæon.	
17	27		
18	28		
19	1	☌ ♀ ☽ 10 a.	
20	2	♀ Stat ad Ret.	
21	3	☌ ☿ ♀ 9 p.	
22	4	☌ ☿ ☽ 3 p.	
23	5		
24	6		
25	7		
26	8	☌ ♄ D 10 p.	
27	9	□ ♄ ♀ 20 p.	
28	10	✶ ♄ ☿ n. ☽ ♉	

February 1677.

Cold, if not some frost at the beginning, with seasonable weather the greater part of the moneth but near the end some high winds, with cold, if not snow.

March Roman account.

The 26 day a little before 10 in the evening, the Moon may be seen ready to set, in Conjunction with the Planet Saturn, at which time she being distant from Saturn 3 Deg. and an half in Latitude and 4 Degrees from the 7 Stars in Longitude, they will almost make a Triangle.

March hath xxxi days.

First quarter the 1 day 52 min. past 9 beforenoon
Full moon the 9 day 9 min. past 7 in the morning
Last quarter the 16 day 20 min. past 5 in the morn.
New moon the 23 day 6 min. past 2 in the morn.
First quarter the 31 day, at 6 in the morning.

							Sun-rising.		Sun-setting.	
1	d	David bish.	21	Gem.	22	6	18	5	42
2	e	Chad. bish.	22	Canc	4	6	16	5	44
3	f	Eutropius	23		16	6	14	5	46
4	G	Quadragesim.	24		28	6	12	5	48
5	a	Eusebius m.	25	Leo	10	6	10	5	50
6	b	Frederick	26		22	6	8	5	52
7	c	Ember week	27	Virgo	5	6	6	5	54
8	d	Mauritan	28		18	6	4	5	56
9	e	Prudence	29	Libra	2	6	2	5	58
10	f	Sun in Aries.	♈		15	6	0	6	0
11	G	2 in lent Ord.	1		29	5	58	6	2
12	a	Gregory P.	2	Scor.	13	5	56	6	4
13	b	Ernestus	3		27	5	54	6	6
14	c	Leo bish.	4	Sagit.	11	5	52	6	8
15	d	Longine	5		26	5	50	6	10
16	e	Cyriack	6	Capr.	10	5	48	6	12
17	f	Patrick B.	7		24	5	46	6	14
18	G	3 in lent.	8	Aqua.	8	5	44	6	16
19	a	Joseph Con.	9		22	5	42	6	18
20	b	Rupert.	10	Pisc.	6	5	40	6	20
21	c	Improvising	11		19	5	38	6	22
22	d	Theodoze	12	Aries	3	5	36	6	24
23	e	Egbert K.	13		16	5	34	6	26
24	f	Quirin. fast	14		29	5	32	6	28
25	G	Annunciation	15	Taur.	12	5	30	6	30
26	a	Castulus	16		24	5	28	6	32
27	b	Archibald	17	Gem.	6	5	26	6	34
28	c	Fremond	18		18	5	24	5	36
29	d	Eustace	19	Canc.	0	5	22	6	38
30	e	Guido	20		12	5	20	6	40
31	f	Balbine	21		24	5	18	6	42

Old Saturn greets the Sun: Sols nimble Page,
Him overtakes, and 'gins his morning stage:
If in the latter part you hear it thunder,
(Mars then falls out with Sol) 'twill be no wonder:
The mild Aspects, which in this moneth we find,
Good weather bring, Cheering the seeds-mans mind.

1	11	☌☉☿ 12.&✱
2	12	♄☉11 a.☌♂☽
3	13	at noon.
4	14	☽ Apogæon
5	15	the second d.
6	16	☿ Oriental.
7	17	♀ in piscis
8	18	
9	19	
10	20	
11	21	
12	22	
13	23	♂ cum ☊.
14	24	△♂♀ 8 a.
15	25	☿ Stat. ad Di.
16	26	☽ Perigæon
17	27	
18	28	
19	29	☌♃☽ 6 a.
20	30	☌♀☽ 20.p.&
21	31	♀☽ 16.p.□♂
22	1	(☉ 3 p.
23	2	
24	3	
25	4	Midlent sund.
26	5	✱♄♀ 10 p.&
27	6	☌♄☽ at noon.
28	7	
29	8	☿ elon. Max.
30	9	☌♂☽ 7 p.(a☉
31	10	✱☉♃ 8 a.

March 1677.

Commencement for Batchelours in Arts the 1 day.

High winds, and cool, if not wet at the beginning, then good weather for seed-time the greater part of the moneth, and near the new Moon very warm, if not thunder in some places.

The 10 day a little past 7 in the evening, the Moon may be seen to rise a little to the South-east, in Conjunction with the Virgins-Spick, and so will she be again the 7 day of April after 3 in the morning.

April Roman account.

The latter Act the 29 day.

April hath xxx days.

Full moon the 7 day 31 min. past 6 afternoon
Last quarter 14 day 31 min. past 10 beforenoon
New moon the 21 day 54 min. past 7 afternoon
First quarter the 29 day 11 min. past 11 at night

1	G	5 sun in lent	22	Leo	5	15	16	6	44
2	a	Francis C	23		18	5	14	6	46
3	b	Richard bif.	24	Virgo	0	5	12	6	48
4	c	Ambrose bi.	25		13	5	10	6	50
5	d	Vincent	26		26	5	8	6	52
6	e	Sixtus	27	Libra	10	5	6	6	54
7	f	Celestin	28		24	5	4	6	56
8	G	Palm sunday	29	Scor.	8	5	2	6	58
9	a	Perpet. Wi.	♂		13	5	0	7	0
10	b	Sun in Taur.	1	Sagit.	7	4	58	7	2
11	c	Leo Pope	1		22	4	56	7	4
12	d	Iulius	2	Capr.	6	4	54	7	6
13	e	Good Friday	3		20	4	52	7	8
14	f	Olympia fast	4	Aqu.	5	4	50	7	10
15	G	Easter day	5		18	4	49	7	11
16	a	Isidore bish.	6	Pisc.	2	4	47	7	13
17	b	Vincetus m.	7		16	4	45	7	15
18	c	Olimin M.	8		29	4	43	7	17
19	d	Alphege. M.	9	Aries	12	4	41	7	19
20	e	Sulpitius	10		25	4	39	7	21
21	f	Anselm	11	Taur.	7	4	37	7	23
22	G	Low Sunday	12		20	4	35	7	25
23	a	S. George	13	Gem.	2	4	33	7	27
24	b	Albertus	14		14	4	32	7	28
25	c	S. Mark Evan.	15		26	4	30	7	30
26	d	Cletus bish.	16	Can.	8	4	28	7	32
27	e	Anastatius	17		20	4	27	7	33
28	f	Vitalis M.	18	Leo	2	4	25	7	35
29	G	2 sun af. Eas.	19		14	4	23	7	37
30	a	Quind. Pasch.	20		26	4	22	7	38

Sun-rising. Sun-setting.

Jove, Saturn, Mercury, and Venus brings
I'th' former part, good weather for the Spring,
But near the end Sulbon, with th' God of war,
(By winds, and storms, and thunder) all doth mar.
Venus squares Mars, and joyns with Mercury;
Maids, have a care, of your Virginity.

April 1677.

1	11	☌ ♄ ☿ 4 p.
2	12	☌ ☿ ☿ (ri: nt.
3	13	♄ ♂ Occiden.
4	14	
5	15	
6	16	☿ in Aries
7	17	
8	18	
9	19	☽ Perigæon
10	20	☽ cum ☊.
11	21	
12	22	
13	23	
14	24	☌ ♃ ☽ 8 p.
15	25	
16	26	
17	27	
18	28	☌ ☿ ☿ ☽ 20 d.
19	29	☌ ♃ ☿ 1. p.
20	30	☌ ♃ ♄ 8 a 21
21	1	□ ☌ ☿ 4 p. 22 d
22	2	□ ☌ ♀ 14 p.
23	3	☌ ☿ ♀ 5 2. & ☌
24	4	♄ ☌ 4 p. ☽ ☿
25	5	☽ Apogæon.
26	6	
27	7	
28	8	☌ ♂ ☽ 7 2.
29	9	
30	10	

Cambridge Term ends the 6 day.

Good weather for the Spring the former part of this moneth; the latter part wind, and storms, with thunder in some places.

The 6 day in the evening Saturn will set in Conjunction with the 7 stars, but at a great distance in respect of Latitude; Saturn having one Deg. 58 m n. South, and the 7 stars 4 Deg. North.

May Roman account.

Cambridge Term beg. the 25 day.

May hath xxxi days.

Full moon the 7 day 26 min. past 3 morning
Last quarter the 13 day 1 min. past 5 afternoon
New moon the 21 day 35 min. past 10 beforenoon
First quarter the 29 day 10 min. past 1 afternoon

						Sun-rising.		Sun-setting.	
1	h	S. Phil. & Jac.	21	Virg. 8	4	21	7	39
2	c	Term begin	22	21	4	20	7	40
3	d	Inven. cruc.	23	Libra 4	4	19	7	41
4	e	Monica	24	18	4	18	7	42
5	f	Gothard	25	Scorp. 2	4	16	7	44
6	g	John port. lat.	26	17	4	15	7	45
7	a	John of Bev.	27	Sagit. 1	4	13	7	47
8	b	Appar. Mic.	28	16	4	12	7	48
9	c	Nazianzen	28	Capr. 1	4	11	7	49
10	d	Epimachus	29	16	4	9	7	51
11	e	Sun in Gem.	II	Aqua. 1	4	8	7	52
12	f	Pancrate	1	15	4	6	7	54
13	g	4 sun. aft. Ea.	2	29	4	4	7	56
14	a	Mens. Pasch.	3	Pisc. 12	4	3	7	57
15	b	Sophia	4	26	4	2	7	58
16	c	Peregrine	5	Aries 9	4	1	7	59
17	d	Transl. S. W.	6	22	3	59	7	1
18	e	Sewal. bish.	7	Taur. 4	3	58	8	2
19	f	Berherdine	8	16	3	57	8	3
20	g	Rogation sun.	9	29	3	56	8	4
21	a	Quinq; Pasch.	10	Gem. 11	3	55	8	5
22	b	Adelme bish.	11	23	3	54	8	6
23	c	Desiderius	12	Canc. 5	3	53	8	7
24	d	Ascension day	13	16	3	52	8	8
25	e	Craft. ascen.	14	28	3	51	8	9
26	f	Austin	15	Leo 10	3	50	8	10
27	g	Sun. af. ascen.	16	22	3	49	8	11
28	a	Term ends	17	Virgo 4	3	48	8	12
29	b	K. C. II. Nat.	18	17	3	47	8	13
30	c	Felix bish.	19	Libra 0	3	46	8	14
31	d	Petronella	20	13	3	46	8	14

With earth's black shade, pale Luna hides her face,
Shuning to see her Sovereign Suns disgrace,
Whom sullen Saturn courts with high respects,
Their constitutions bring but cold effects:
Jove squares loves Queen: Sol hides his golden head;
Whil'st cold, old Saturn, creeps to Venus bed.

May 1677.

This moneth is like to be variable, the former part windy, with storms, and thunder in some places; afterward cold retarding the spring, the latter part very warm again.

1	11	
2	12	
3	13	
4	14	
5	15	☐ ♅ ☉ 8 a. 5 d.
6	16	☐ ♅ ☿ 13 p.
7	17	☌ ☉ ☿ 3 p.
8	18	☌ ♄ ☿ 7 p.
9	19	☽ Perigæon.
10	20	☌ ☉ ♄ 7 a.
11	21	♄ Oriental.
12	22	✶ ☌ ☿ 7 a.
13	23	☌ ♅ ☽ 6 a.
14	24	
15	25	
16	26	☐ ♅ ☿ 12 p.
17	27	
18	28	(20 d.
19	29	☌ ♄ ☿ ☽ 4 p.
20	30	☌ ♄ ☿ 11 a. ☽ ♍
21	31	☉ Eclipsed.
22	1	△ ♅ ☿ 5 a. &
23	2	☌ ☿ ☽ 10 p.
24	3	☽ Apogæon.
25	4	☌ ♂ ☽ 17. p.
26	5	✶ ☉ ♂ 4 p.
27	6	
28	7	
29	8	
30	9	
31	10	

The 3 day in the evening Mars will be with the North-Atellus a star of the fourth Magnitude, a Degree and half distant from it toward the south.

June Roman account.

June hath xxx days.

Full moon the 5 day, 46 min. past 10 beforenoon.
Last quarter the 13 day, 12 min. past 2 morning.
New moon the 20 day, 16 min. past 3 morning.
First quarter 28 day, 19 min. past 1 morning.

1	f	Pamphilius	20	Libra	27	3	46	8		14
2	g	Marcellus	21	Scorp.	10	3	45	8		15
3	A	Whitsunday	22		25	3	45	8		15
4	a	Petrocius	23	Sagit.	10	3	45	8		15
5	b	Boniface m.	24		25	3	44	8		16
6	c	Ember week	25	Capr.	10	3	44	8		16
7	d	Paul Eith.	26		25	3	44	8		16
8	e	Medard	27	Aquar.	10	3	43	8		17
9	f	Priscus	28		25	3	43	8		17
10	g	Trin. sun Or.	29	Pisces	9	3	43	8		17
11	a	S. Barnabas	30		22	3	43	8		17
12	b	Blandine	1	Aries	6	3	43	8		17
13	c	Anthony	2		19	3	43	8		17
14	d	Corpus Chri-	3	Taur.	1	3	4	8		17
15	e	Term begins	4		13	3	43	8		17
16	f	Rowland	5		26	3	44	8		16
17	g	1 aft. Trin.	6	Gem.	8	3	44	8		16
18	a	Octab. Trin.	7		20	3	44	8		16
19	b	Gervase	8	Canc.	1	3	45	8		15
20	c	Edward K.	9		13	3	45	8		15
21	d	walburg vir.	9		25	3	45	8		15
22	e	Alban mar.	10	Leo	7	3	46	8		14
23	f	Ethel fast	11		19	3	46	8		14
24	g	S. John Bap.	12	Virgo	1	3	46	8		14
25	a	Quind. Trin.	13		14	3	47	8		13
26	b	Joh. & Paul	14		26	3	47	8		13
27	c	Crescens	15	Libra	9	3	48	8		12
28	d	Leo pope fast	16		22	3	49	8		11
29	e	S. Pet. Apost.	17	Scorp.	5	3	50	8		10
30	f	Com. of Paul	18		19	3	51	8		9

Sun-rising. Sun-setting.

Mars greets his dearest, with a kind Aspect:
Jove hath for her, and Sol, the like respect;
This breeds a quarrel, 'twixt those roaring boys,
Or thund'ring Gods; who with their hideous noise,
Affright Loves Queen, who (by her swift direction,)
Soon puts her self under great Sols protection.

1	11	
2	12	
3	13	
4	14	☽ cum ♂
5	15	☽ Perigæon.
6	16	✶ ♂ ♀ 8 a.
7	17	♃ St. ad Ret
8	18	△♃☉ 6 a.
9	19	☌♃ , 4 p.
10	20	△ ♃ ♀ 1 p.
11	21	☿ elon. M. a ☉
12	22	
13	23	
14	24	☌♃♂ 8 p.
15	25	
16	26	
17	27	☌ ♄☽42 &
18	28	☽ cum ♍.
19	29	☌ ☉ ♀ 5 p.
20	30	☽ Apogæon.
21	1	☌ ☿ ☽ 10 p.
22	2	
23	3	☿ St. ad Retr.
24	4	☌ ♂ ☽ 1 p.
25	5	
26	6	
27	7	
28	8	
29	9	
30	10	□ ♄♂ 1 p.

June 1677.

Good weather the former part, but near the middle expect thunder and lightning and about, or after the new moon, some high winds, and storms, if not thunder again at the end.

The 12 day in the evening, Mars will set within less then a Degree of the Lyons Heart, but too near the Sun to be seen.

July Roman account.

The 24 day in the morning Saturn will be in Conjunction with Aldebaran or the Bulls eye, rising in the North east above two hours before the Sun.

July hath xxxi days.

Full moon the 4 day 31 min. past 5 afternoon
Last quart. 11 day 47 min. past 1 afternoon
New moon 19 day 36 min. past 3 afternoon
First quarter 27 day 50 min. past 10 before noon

							Sun-rising.		Sun-setting.	
1	G	3 aft. Trin.	19	Sagit.	3	3	5	3	8	7
2	a	Tres Trin.	20		18	3	5	4	8	6
3	b	Hyacinthius	21	Capr.	3	3	5	5	8	5
4	c	Term end.	22		18	3	5	6	8	4
5	d	Anselme	23	Aqua.	4	3	5	7	8	3
6	e	Hector	24		19	3	5	8	8	2
7	f	Becket	25	Pisc.	3	3	5	9	8	1
8	G	4 aft. Trin.	26		18	4	0		8	0
9	a	Cyril bish.	27	Aries	2	4	1	7		59
10	b	7 Brethren	28		15	4	3	7		57
11	c	Pius mart.	29		28	4	4	7		56
12	d	Henry	29	Taur.	10	4	5	7		55
13	e	Sun in Leo	☌		23	4	7	7		53
14	f	Bonavent	1	Gem.	5	4	8	7		52
15	G	Swithin B.	2		16	4	10	7		50
16	a	Osmond B.	3		28	4	11	7		49
17	b	Alexius	4	Canc.	10	4	13	7		47
18	c	Rufina	5		22	4	15	7		45
19	d	Dog days beg.	6	Leo	4	4	17	7		43
20	e	Margaret m	7		16	4	19	7		41
21	f	Praxeda vir.	8		28	4	21	7		39
22	G	6 after Trin.	9	Virg.	11	4	22	7		38
23	a	Apollinaris	10		23	4	24	7		36
24	b	Christian fa.	11	Libra	6	4	26	7		34
25	c	S. James Ap	12		18	4	27	7		32
26	d	Trina	13	Scorp.	2	4	29	7		31
27	e	Martha m.	14		15	4	30	7		29
28	f	Celsus M.	15		29	4	32	7		28
29	G	7 aft. Trin.	16	Sagit.	13	4	3	7		27
30	a	Abdon m.	17		27	4	35	7		25
31	b	Ignatius	18	Capr.	12	4	37	7		23

Now nimble Mercury doth backwards run,
And by that motion, ſooneſt gains his ſun:
Now Sol, and Venus, with the Lyon move;
And Saturn ſhews them both, reſpects of love:
Few bad Aſpects, within this moneth we find;
The ſtars unto the hay-makers are kind.

1	11	☽ cum ☊.
2	12	
3	13	☽ Perigæon.
4	14	
5	15	
6	16	☌ ♃ ☽ 12 p.
7	17	☌ ☉ ☿ at no.
8	18	
9	19	
10	20	
11	21	
12	22	
13	23	✱ ♄ ♀ 10 a.
14	24	☌ ♄ ☽ 4 p. &
15	25	☽ cum ♍.
16	26	
17	27	☽ Apogæon
18	28	☌ ☿ ☽ 8 a. &
19	29	♀ Stat. ad Dir.
20	30	✱ ♄ ☉ 9 p. &
21	31	☌ ♀ ☽ 11 a.
22	1	
23	2	☌ ☌ ☽ 6 a.
24	3	
25	4	
26	5	☌ ♃ ♀ 3 p.
27	6	☿ M. diſt. a. ☉
28	7	
29	8	☽ cum ♍.
30	9	
31	10	

July 1677.

The 3 day is Commencement Tueſday.

Cambridge term ends the 6 day.

Good weather for the Hay-makers a great part of this moneth, with ſome wind, but I think not much wet.

The 6 day at midnight Jupiter will be in Conjunction with the Moon, 4 Degrees diſtant from her toward the South.

Auguſt Roman account.

Auguſt hath xxxi days.

Full moon 2 day, 19 min. paſt 9 at night.
Laſt quarter 10 day, 23 min. paſt 4 morning.
New moon 18 day 6 min. paſt 7 morning
Firſt quarter 25 day 13 min. paſt 4 afternoon

									Sun-ſetting.	
1	f	Lammas	19	Capr.	27	4	39	7		21
2	g	Stephen M.	20	Aqua.	12	4	41	7		19
3	a	Inv. Steph.	21		27	4	43	7		17
4	b	Dominick	22	Piſc.	12	4	44	7		16
5	c	8 aft. Trin.	23		26	4	46	7		14
6	d	Tranſ. Chriſt	24	Aries	10	4	48	7		12
7	e	Donat. M.	25		23	4	49	7		11
8	f	Cyriack	26	Taur.	6	4	51	7		9
9	g	Roman M.	27		19	4	53	7		7
10	a	S. Laſoren.	27	Gem.	1	4	55	7		5
11	b	Gilbert biſh.	28		13	4	57	7		3
12	c	9 aft. Trin.	29		25	4	59	7		1
13	d	Sun in Virgo	♍	Can.	7	5	0	7		0
14	e	Euſebius	1		19	5	2	6		58
15	f	Aſſump. of M	2	Leo	1	5	4	6		56
16	g	Roch M.	3		13	5	6	6		54
17	a	Hamnes	4		25	5	8	6		52
18	b	Helena	5	Virgo	7	5	10	6		50
19	c	10 aft. Trin.	6		20	5	12	6		48
20	d	Bernard	7	Libr.	3	5	14	6		46
21	e	Richard biſ.	8		15	5	16	6		44
22	f	Timothy	9		28	5	17	6		43
23	g	Zachens faſt	10	Scorp.	12	5	19	6		41
24	a	S. Bartholom.	11		25	5	21	6		39
25	b	Lewis	12	Sagit.	9	5	23	6		37
26	c	11 aft. Trin.	13		23	5	25	6		35
27	d	Dog da. end.	14	Capr.	7	5	27	6		33
28	e	Auguſtine b.	15		21	5	29	6		31
29	f	Decol. J. Bap.	16	Aqua.	6	5	30	6		30
30	g	Felix	17		21	5	32	6		28
31	a	Aydan biſh.	18	Piſc.	5	5	34	6		26

Sun-riſing.

The ſcene is chang'd, Jove now confronts the Sun,
And Mercury; although he nimbly run,
With Venus, Sol, and Stilbon, Saturn ja 3,
But near the end he friendly greets God Mars:
Among the ſtars, may theſe contentions raiſe,
High winds, and ſtorms, this moneth for many days.

Auguſt 1677.

I fear many ſtorms, with high winds in this moneth, to hinder men in their harveſt, yet ſome pleaſant days, to revive them.

2	12		
3	13		
4	1	♂ ☿ ☽ 3 a.	
5	14	☌ ☿ ☉ 12 p.	
6	15		
7	16	✶ ♄ ☿ 3 a.	
8	17		
9	18	□ ♄ ☿ 10. a.	
10	19		
11	20	☽ cum ♍.	
12	21	♂ ♄ ☽ 4 a.	
13	22	☌ ☿ ☿ 3 p.	
14	23	☽ Apogæon.	
15	24		
16	25		
17	26		The Mayor of Cambridge elected the 16 day.
18	27	♂ ☿ ☽ 10 p.	
19	28		
20	29	♂ ☿ ☽ 6 p.	
21	30	♂ ☿ ☉ 7 a.	
22	31	□ ♄ ☿ 13 p.	
23	1	☍ ☉ ♄ 16 p.	September Roman account.
24	2	△ ♄ ♂ 3 p.	The 21 day in the evening the new Moon will ſee very near the Virgins Spick in the South-weſt.
25	3		
26	4	☽ cum ♎.	
27	5	☽ Perigæon.	
28	6		
29	7		
30	8		
31	9	♂ ♄ ☽ 8 a.	
	10		

September hath xxx days.

Full moon 1 day 16 min. past 10 beforenoon
Last quarter 8 day 44 min. past 8 at night
New moon 16 day 19 min. past 9 at night
First quarter 23 day 58 min. past 11 at night
Full moon 30 day 45 min. past 8 at night.

						Sunrising	Sunsetting
1	f	Giles Abbot	19	Pisc. 20	5 36	6 24	
2	G	12 aft. Trin.	20	Aries 4	5 38	6 22	
3	a	Lupus	21	18	5 40	6 20	
4	b	Cutbert Er.	22	Taur. 2	5 42	6 18	
5	c	Augustin	22	15	5 44	6 16	
6	d	Magnus	23	27	5 46	6 14	
7	e	Dunstan Er.	24	Gem. 9	5 48	6 12	
8	f	Nativ. Mary	25	21	5 50	6 10	
9	G	13 aft. Trin.	26	Canc. 3	5 52	6 8	
10	a	Nicolas Co.	27	15	5 54	6 6	
11	b	Maurily	28	27	5 56	6 4	
12	c	Eanswide	29	Leo 9	5 58	6 2	
13	d	Sun in Libra	☉	21	6 0	6 0	
14	e	Exa'tat. cru.	1	Virgo 3	6 2	5 58	
15	f	Nichomedes	2	15	6 4	5 56	
16	G	14 af. Trin.	3	2	6 6	5 54	
17	a	Socrates	4	Libr. 12	6 8	5 52	
18	b	Methodius	5	25	6 11	5 49	
19	c	Ember week	6	Scorp. 8	6 13	5 47	
20	d	Fausta fast	7	22	6 15	5 45	
21	e	S. Matthew	8	Sagit. 6	6 17	5 43	
22	f	Maurice	9	20	6 20	5 40	
23	G	Ordination	10	Capr. 4	6 22	5 38	
24	a	Samuel	11	18	6 24	5 36	
25	b	Cleophas	12	Aqu. 2	6 26	5 34	
26	c	Justin	13	16	6 28	5 32	
27	d	Cos. & Da.	14	Pisc. 0	6 30	5 30	
28	e	wenceslaus	15	15	6 32	5 28	
29	f	S. Michael	16	29	6 34	5 26	
30	G	16 after Trin.	17	Aries 13	6 36	5 24	

The ſtars this moneth moſt ſweetly do combine,
Viewing each other, oft by friendly Trine,
But near the midſt, Mars doth with Venus lie,
Let females then beware, for dangers nigh;
And when with Mercury you ſee him j yn'd,
Expect ſome thunder, ſtorms; at leaſt high wind.

September 1677.

1	11		
2	12	△♄☿ at noon	
3	13		
4	14		
5	15	△♃♂ 5 p.	
6	16	☽ cum ♉.	
7	17		
8	18	△♄☿ 5 a.	Sturbridge Fair begins 8 day.
9	19	△♃☿ 5 a.	
10	20	☾ Apogæon.	Good weather for the ſeaſon a
11	21	♄Stat.ad Ret.	great part of this moneth, but a
12	22	△♃☿ 19. p	little before the new Moon, and
13	23	♂♂☿ 1 p.	again ſome few days after, very
14	24		warm with high winds, if not
15	25		thunder in ſome places, with ſtorms
16	26		
17	27		
18	28	♂♂☽ 4 p. &	
19	29	☿☽ 10 p.	
20	30	♂♂☿ 1 p.	
21	1	☽ cum ♌.	October Roman account.
22	2		
23	3	△♄☉ 2 a.	The 13 day at 2 afternoon,
24	4	☽ Perigæon.	will happen a Coniunct. of Mars,
25	5		and Venus, in the 24 Deg. of Lib.
26	6	♂♃☽ 2 p.	at which time their diſtance in Lat.
27	7		will be but 17 min. they may be
28	8		ſeen to ſet near together that e-
29	9		vening almoſt an hour and half af-
30	10	△♃☉ 10 a.	ter the Sun.

October hath xxxi days.

Last quarter 8 day, 38 min. past 4 afternoon
New moon 16 day, 3 min past 11 beforenoon
First quarter 23 day, 52 min. past 5 morning
Full moon 30 day, 50 min. past 10 beforenoon

						Sun rising.		Sun setting.	
1	a	Remigius	18	Aries 26	6	39	5	21
2	b	Leodegar	19	Taur. 9	6	41	5	19
3	c	Candide	20	22	6	43	5	17
4	d	Francis	21	Gem. 5	6	45	5	15
5	e	Constance	22	17	6	47	5	13
6	f	S. Faith	23	29	6	49	5	11
7	G	17 aft. Trin.	24	Canc. 11	6	50	5	10
8	a	Demetrius	25	23	6	52	5	8
9	b	Dennis m.	26	Leo 5	6	54	5	6
10	c	Paulin bif.	27	17	6	56	5	4
11	d	Burchard	28	29	6	58	5	2
12	e	Wilfride	29	Virg. 11	7	0	5	0
13	f	Sun in Scorp.	m	24	7	2	4	58
14	G	18 af. Trin.	1	Libra 7	7	4	4	56
15	a	Hedgewide	2	20	7	6	4	54
16	b	Gallus	3	Scorp. 4	7	8	4	52
17	c	Audrey vir.	4	18	7	10	4	50
18	d	S. Luke Evan.	5	Sagit. 2	7	12	4	48
19	e	Ptolome	6	16	7	14	4	46
20	f	Windelin A.	7	Capr. 0	7	16	4	44
21	G	19 aft. Trin.	8	14	7	18	4	42
22	a	Cordula m.	9	29	7	19	4	41
23	b	Term begins	10	Aqu. 13	7	21	4	39
24	c	Salome	11	27	7	23	4	37
25	d	Crispine	12	Pisc. 11	7	24	4	36
26	e	Amandus	13	25	7	26	4	34
27	f	Men. Mich. fa.	14	Aries 8	7	28	4	32
28	G	S. Sim. & Jud.	15	22	7	29	4	31
29	a	Eadsine b.	16	Taur. 5	7	31	4	29
30	b	Germin b.	17	18	7	33	4	27
31	c	Quintin fast	18	Gem. 0	7	35	4	26

Jove squares with Stilbon, and the Queen of Love,
For which Mars, soon revenge himself on Jove;
At which old Saturn, doth his Queen oppose
Which to revenge, Mars doth with Stilbon close;
Then Jove falls out with him, but he doth run,
(For safeguard) back unto his Soveraign Sun.

1	11		
2	12	□ ♃ ♀ 4 o	
3	13	♃ St. ad Dir.	
4	14	♂ ♄ ☽ 10 p.	
5	15	□ ♃ ☿ 4 p.	
6	16	♀ elon. at M.	
7	17	(à ☉	
8	18	☽ Apogæon.	
9	19		
10	20		
11	21	♄ Oriental.	
12	22	♃ ♂ ☿ ♀ Occi.	
13	23		
14	24		
15	25		
16	26		
17	27	☿ St. ad Retr.	
18	28	□ ♃ ♂ 4 a.	
19	29	☽ cum ☊.	
20	30	♂ ♄ ♀ 6 a.	
21	31	☽ Perigæon.	
22	1		
23	2	♂ ♃ ☽ 10 p.	
24	3	♂ ♂ ☿ 1 a.	
25	4		
26	5	□ ♃ ♂ 5 p.	
27	6	✶ ♃ ♀ 13 p.	
28	7	♂ ☉ ♀ 12 p.	
29	8	☿ Oriental.	
30	9	☽ eclip. invis.	
31	10	□ ♃ ☉ 5 p.	

October 1677.

Variable weather most part of this moneth with wind, and storms, and some pleasant days intermixed.

Cambridge Term begins the 10 day, and then the Proctours, Taxours and Scrutatours are chosen.

The 4 day at 9 in the evening the Moon will be with the Planet Saturn, at which time Saturn having 2 Deg. and 1 min. south Lat. and the Moon 1 Deg. and 11 min. they will seem almost to touch each other at the time of their rising.

November Roman account.

Magna Congregatio the 26 day or the black Assembly.

November hath xxx days.

Last quarter 7 day, 14 min past noon
New moon 14 day, 6 min. past 11 at night
Firſt quarter 21 day, 13 min. past 2 afternoon
Full moon 29 day, 47 min. past 1 morning

					Sun-riſing.	Sun-ſetting.	
1	d	All Saints	19	Gem. 13	7 35	4 25	
2	e	All Souls	20	25	7 37	4 23	
3	f	Craſt. anima	21	Canc. 7	7 39	4 21	
4	G	21 aft. Trin.	22	19	7 41	4 19	
5	a	Powder Plot.	23	Leo 1	7 43	4 17	
6	b	Leonard	24	13	7 45	4 15	
7	c	Wilfrid	25	25	7 47	4 13	
8	d	Claudius	26	Virg. 7	7 49	4 11	
9	e	Theodorus	27	19	7 51	4 9	
10	f	Erastus	28	Libr. 2	7 52	4 8	
11	G	22 aft. Trin.	29	15	7 54	4 6	
12	a	Sun in ♐ C.M	♐	28	7 55	4 5	
13	b	Eugenius	1	Scor. 12	7 57	4 3	
14	c	Frederick	2	26	7 58	4 2	
15	d	Leopold	3	Sagit. 10	7 59	4 1	
16	e	Edmond biſ.	4	25	8 0	4 0	
17	f	Hugh	5	Capr. 10	8 1	3 59	
18	G	23 aft. Trin.	6	25	8 2	3 58	
19	a	K. C. I. Nat.	7	Aqu. 9	8 3	3 57	
20	b	Edmund K.	8	24	8 4	3 56	
21	c	Oblat. Mary	9	Piſc. 8	8 5	3 55	
22	d	Cicely Virg.	10	21	8 6	3 54	
23	e	Clem. Mart.	11	Aries 5	8 7	3 53	
24	f	Chryſog. M.	12	18	8 8	3 52	
25	G	24 aft. Trin.	13	Taur. 1	8 9	3 51	
26	a	Quind. Mart.	14	14	8 10	3 50	
27	b	Vbs virgin	15	27	8 11	3 49	
28	c	Term ends	16	Gem. 9	8 12	3 48	
29	d	Saturn faſt	17	21	8 12	3 48	
30	e	S. Andrew	18	Canc. 3	8 13	3 47	
			19				

At first the ſtars are quiet for ſome days,
'Till Mars, and Saturn, new diſturbance raiſe;
Which puts the Kng of Planers in ſuch fear,
That in diſguize he Luna's mask doth wear;
Yet Saturn ſtill purſues him, which doth make,
The clouds to weep, the air for to quake.

November 1677.

1	11	☌ ♄ ☽ 3 a.	
2	12		The Vice-chancellour lays down his office the 3 day.
3	13		
4	14	☽ Apogæon.	
5	15		
6	16	☿ Stat. ad Di.	Seaſonable weather, and not much alteration till about the new Moon, then ſtormy, with cold, windy, and moiſt weather following, if not ſnow.
7	17	♄ ☿ Oriental.	
8	18	♃ ☌ ☿ Occid.	
9	19		
10	20		
11	21		
12	22		
13	23	☌ ♄ ☌ 12 p.	
14	24	☿ elon. M. à ☉	The 2 day at one in the morning, the Moon will Eclipſe the ſouth-horn of the Bull (a ſtar of the third Magnitude) their difference in Lat. being but 6 minutes.
15	25		
16	26		
17	27	☌ ☿ ☽ 6 p.	
18	28	☌ ☉ ♄ 10 a.	
19	29	☌ ♃ ☽ 18 p.	
20	30	☽ Perigæon,	
21	1	□ ♃ ☿ 9 a.	December Roman account.
22	2	♄ Occident.	
23	3		
24	4		
25	5		
26	6		
27	7	☽ cum ♉.	The 1 day at 2 in the morning, Saturn and the Moon will be very near toge her; ſo will they be again the 28 day at 5 in the morning.
28	8	☌ ♄ ☽ 5 a.	
29	9		
30	10		

December hath xxxi days.

Laſt quarter 7 day, 2 min. paſt 4 morning
New moon 14 day, 9 min. paſt 10 before noon
Firſt quarter 21 day. 24 min. paſt 1 morning
Full moon 28 day, 57 min. paſt 10 at night.

						Sun-riſing.		Sun-ſetting.	
1	f	Dan el biſh.	20	Canc. 15	8	1	3	46	
2	G	Advent ſund.	21	17	8	14	3	46	
3	a	Lucius K.	22	Leo 9	8	15	3	45	
4	b	Barbara v. r.	23	21	8	15	3	45	
5	c	Sabas Ab.	24	Virgo 3	8	15	3	45	
6	d	Nicholas b.	25	15	8	16	3	44	
7	e	Ambroſe C.	26	27	8	16	3	44	
8	f	Conce. of M.	27	Libr. 10	8	16	3	44	
9	G	2 in Advent	28	23	8	17	3	43	
10	a	Damaſc. C.	29	Scor. 0	8	17	3	43	
11	b	Sun in Capric.	♑	20	8	17	3	43	
12	c	Epimachus	1	Sagit. 4	8	17	3	43	
13	d	Lucy V.	2	19	8	17	3	43	
14	e	Nichanus	3	Capr. 4	8	17	3	43	
15	f	Hilda Ab.	4	19	8	17	3	43	
16	G	O Sapientia	5	Aqua. 4	8	16	3	44	
17	a	Lazarus	6	19	8	16	3	44	
18	b	Chriſtopher	7	Piſc. 4	8	16	3	44	
19	c	Ember week	8	18	8	15	3	45	
20	d	Julian faſt	9	Aries 2	8	15	3	45	
21	e	S. Thomas	10	15	8	15	3	45	
22	f	Theodoſius	11	28	8	14	3	46	
23	G	4 in Advent	12	Taur 11	8	14	3	46	
24	a	Ad. & Ev. faſt	13	24	8	13	3	47	
25	b	Chriſts birth	14	Gem. 6	8	12	3	48	
26	c	S. Stephen	15	18	8	11	3	49	
27	d	S. John	16	Canc. 0	8	10	3	50	
28	e	Innocents	17	12	8	9	3	51	
29	f	Tertius	18	24	8	8	3	52	
30	G	ſun aft Chr.	19	Leo 6	8	7	3	53	
31	a	Silveſt. P.	20	18	8	6	3	54	

Mars (in a heat) visits the Planets King;
But Saturn doth for him a Cooler bring;
Then are they still, 'till Mercury is joyn'd,
With Mars, and Sol, which brings snow, and high wind:
Venus with Jove, may make the air clear:
But Saturns square, with cold will end the year.

December. 1677.

Windy, with storms at the beginning, then better weather, with some frost, wind, and snow following; at the Conjunct. of Jup. and Ven. pleasant, but cold weather ends the year.

1	11	☌ ♄ ☿ 8 a. &
2	12	☌ ☉ ☌ at no.
3	13	☽ Apogæon
4	14	✶ ☉ ♃ 6 p.
5	15	△ ♄ ♀ 4 p.
6	16	✶ ♃ ☌ 8 a.
7	17	☌ Oriental.
8	18	
9	19	
10	20	
11	21	☽ cum ☊.
12	22	
13	23	
14	24	☌ ☌ ☿ ☽ 4 2. &
15	25	✶ ♃ ☿ 5 a.
16	26	☽ Perigæon.
17	27	☌ ♃ ☽ 12 p. &
18	28	☌ ♀ ☽ at no.
19	29	☌ ☌ ☿ at no.
20	30	
	31	

Cambridge Term ends the 16 day.

22	1	
23	2	☌ ♃ ♀ 14 p.
24	3	☾ cum ♉.
25	4	☌ ♄ ☽ 8 a.
26	5	
27	6	☌ ☉ ☿ 3 p.
28	7	♀ Occident.
29	8	□ ♄ ♀ 12 p.
	9	☽ Apogæon.
31	10	

January Roman account.

The 24 day will happen a Conjunct of Jup. and Ven. 30 min. past 1 in the mor. in 27 Deg of Aquar. at which time their difference in Lat. will be but 31 min. they may be seen near together the 23 and 24 days in the evening, Jup. on the North side of Venus.

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds, for a year or under, after the rate of six pounds in the hundred.

		1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
		lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.
Shill.	5	0	0	0	0	0	3	0	1	3	0	1	2	0	3	1
	10	0	0	0	0	1	3	0	3	2	0	5	0	0	7	0
	15	0	0	0	0	2	2	0	5	1	0	8	2	0	10	3
Pounds	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	1	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	1	7	3	1	9	6	3
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
		po.	lb.	p.	po.	lb.	p	po.	lb.	p.	po.	lb.	p.	po.	lb.	p.
Tens of pounds	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the principal in the first Column, & in the other you have the interest due for one, three, six, nine, or twelve moneths.

Swan

SWAN

The second part of this ALMANACK for the year of our LORD GOD 1677.

Wherein is contained a figure of the Heavens at the Suns entrance into *Aries*, the Eclipses, with other Celestial observations, a Chronology, a Table of the Assize of Bread, with some observations upon the various risings and settings of the Moon, and the Cosmical and Acronical, risings and settings of some of the principal fixed Stars, with other things of note.

Magna opera Domini: Exquisita in omnes Voluntates ejus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1677.

ACcording to the Carolinean Tables, the Sun enters Aries this year, March 9 day, 54 min. past 11 at night, at which time the second Degree of Sagittarius ascends in the East, the 28 Degree of Virgo will be upon the Meridian, or mid-heaven, &c.

But according to Astronomia Instaurata the time will be about 50 min. past 9 at night, at which time (in our Latitude of *Cambridge*) 10 degrees of Scorpio will ascend, 25 of Leo upon the Meridian, 10 of Taurus upon the Cusp of the 7, and 25 of Aquarius upon the 4 House.

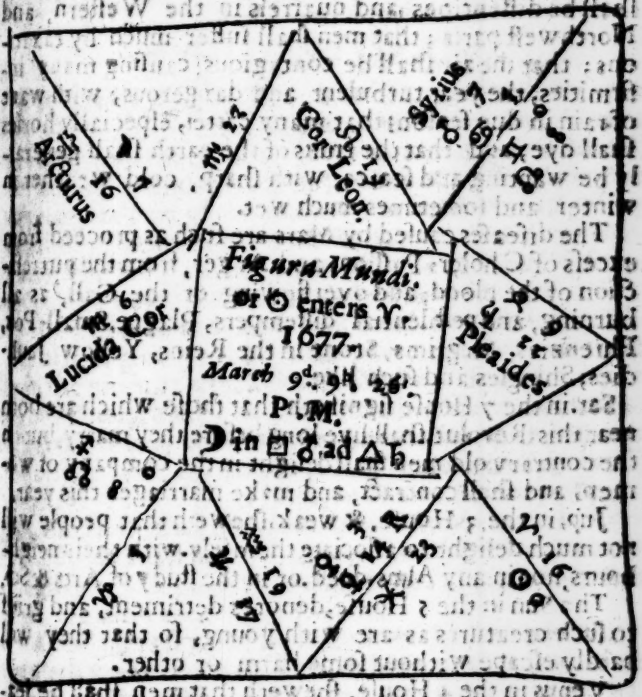
By M. *Gadbury*'s Ephemerides the Ingress is 24 minut. sooner, *viz.* at 26 min. past 9 at night, at which time (at *London*) 6 degrees of Scorpio ascend, as may be seen by the following Figure, and the difference of Meridians between *London* and *Cambridge*, is accounted but one minute.

The time of the Suns entrance into the other Cardinal points is as followeth, He enters *Cancer June* 10 day at midnight, making the longest day with us, containing 16 hours 54 minutes.

He enters *Libra September* 12 day at 4 afternoon making the second Equinox, or equal day and night, and beginneth the Autumnal quarter.

He enters *Capricorn December* 11 day at 4 in the morning, making our shortest day, containing but 7 hours 26 minutes, the night 16 hours 34 minutes. Those which are for the earths motion, may put the earth for the Sun and all will be well, onely observe that the earth is always in the opposite point to the Sun, that is, when the Sun enters Aries, the earth enters Libra.

A Figure of the Heavens at the Suns entrance into *Aries*.



In the figure we find 6 degrees of Scorpio (a watry, cold, flegmatick, feminine, nocturnal, fixed, northern sign, and of the watry Trigon) Ascending: the Lord whereof is Mars, it being his night house, Triplicity, Term, and Face, he is placed in the 9 house, (called the house of religion) in 7 degrees of Cancer.

M. *Ramesey* (in his *Astrologia Restaurata*) saith, If Mars

shall be Lord of the year in Cancer, and in the 9 House; it signifieth that travelling shall be dangerous that year; if by land, subject to robbing; if by sea to shipracks, wch shall be frequent by reason of sudden Winds: that there shall be dissentions and quarrels in the Western, and Northwest parts; that men shall suffer much by taxations; that the air shall be contagious, causing many infirmities, the year turbulent, and dangerous, with want of rain in due season; that many cattel, especially horses shall dye; and that the fruits of the earth shall generally be wanting and scarce, with sharp, cold weather in Winter, and sometimes much wet.

The diseases caused by Mars are such as proceed from excess of Choler, Passion, and Anger, from the putrefaction of the blood, and overflowing of the Gall, as all burning, and pestilential distempers, Plague, Small-Pox, Phrenzies, Megrims, Stone in the Reins, Yellow Jaundies, Shingles and such like.

Sat. in the 7 House signifieth that those which are born near this Revolut. shall live long before they marry, but on the contrary old men shall delight in the company of women, and shall contract, and make marriages this year.

Jup. in the 3 House, & weak, sheweth that people will not much delight to associate themselv. with their neighbours, nor in any Alms-deed. or in the study of Arts & Sc.

The Sun in the 5 House, denotes detriment, and grief to such creatures as are with young, so that they will hardly escape without some harm or other.

Venus in the 4 House, sheweth that men shall be jealous of their wives, and much crossed by women, and therefore shall be watchfull over them.

Mercury in the 4 House Retrograde, causeth discords and jarrings between men, also crosses, if not imprisonment, or worse, to scribes, secretaries of state, or such as keep Books of Accounts, &c.

The Moon in the 11 House, in square of Mars denotes

but little good to the common people, especially in those countries where Armies are, the Souldiers will much oppress and Lord it over them, but a Regal sign, with a Regal fixed star in the 10 House, is good for those in authority.

Of the Eclipses this Year.

TWice this year, shall the inhabitants of this Terrene Globe, be deprived of part of the Suns Illuminating rays, by the Interposition of the dark body of the Moon, between him and their sight; and as often shall they be deprived of part of the Moons (Sun borrowed) light by the interposition of the dark shadow of the earth, between the Sun, and her; but of these onely the first defect of the Moon will be visible in *England*.

The 1 defect, or Eclipse will be of the Moon, the middle of it, or greatest obscuration, the 7 of May 24 min. past 3 in the morn. at which time 8 Digits, and 15 min. of the Moons body will be darkned; the begin. and middle of this Eclipse may be seen by us, but the Sun riseth before it is fully ended; the end of it may be seen by such as sail near the Cape of good Hope, in Benin, Barbary, Spain, &c. But those that inhabit Brasile, S. Lawrence, the Carrib. Islands shall have it in their Merid. it happens in 27 Degrees of Scorpio, the countreys, and cities, under that sign, are most them far of from us.

Astrologers say that an Eclipse of the Moon in Scorp. causeth great thunders, and lightning, and sometimes earth-quakes, also eruptions, and overflowing of the sea-banks, ruine of ancient buildings, divisions among the Clergy, the death of the vulgar, and ignobler sort of people, by burning Feavers and other distempers, as also many seditions and quarrels.

The second Eclipse will be of the Sun, as of May half an hour past 10 before n. but by reason of Moons Parallax, & great south Lat. it will scarce be seen with us, it will

appear a great Eclipse about the Island of S. Martins, Helens, Mary, in the Zembrian Lake, &c. it happens in the 10 deg. of Gemini the Ascendant of *London*.

The third will be of the Moon, the 30 Octob. about 11 before noon, in 16 deg. of Tau. which will be visible to our Antipodes, *viz.* near the mountains of Sierra Nevada, and the North-west parts of America, to whom the Moons body will be half obscured.

The last will be of the Sun, Novem. 24 near midn. and therefore cannot be seen by us; but in China, Japan, &c. it will appear a great Eclip. it happens in 3 deg. of Sagit. near that Regal Star, called the Heart of the Scorpion.

The 13 of Sept. will happen a Conjunct. of Mars and Venus, in the 24 deg. of Libra as followeth.

Place of Mars at noon in 23 55 ♎

Place of Venus at noon in 23 52 ♎

Diurnal motion of Mars 00 41

Diurnal motion of Venus 00 24

Excess of the Diurn. mot. 00 33

Therefore the Conjunct. will be at 5 aftern. at which time their diff. in Lat. will be but 17 min. if the air be clear, they may be seen to set near together in the West, almost an hour and half after the Sun.

The 24 of Decemb. will be a Conjunct. of Jupiter, & Venus in the 27 deg. of Aquarius as followeth.

Place of ♃ the 23 day at noon 26 05 ♒

Place of ♀ the 23 day at noon 26 33 ♒

Diurnal motion of Jupiter 00 12

Diurnal motion of Venus 01 09

Excess of the Diurnal motions 00 57

Distance from ♀ the 23 at n. 00 32

Therefore the Conjunct. will be the 24. 30 m. past 1 mor. at which time their diff. in Lat. will be but 3 m. they may be seen near together, the 23, and 24, days in the evening; Jupiter shining on the north side of Venus, in the South sky.

A Brief Chronology.

THe Creation of the World	5681
Noahs Flood	4024
The destruction of *Troy*	2878
Brute entred *England*	2785
The building of *London*	2779
The building of *York*	2609
The building of *Cambridge*	2491
Alexander the Great died	2000
Cæsar conquered *Britain*	1729
Titus destroyed *Jerusalem*	1606
Cambridge made a University	1942
The first Mayor of *London*	487
The invention of Guns	197
The invention of Printing	228
Tilbury Camp, July 25	89
The Powder Treason	72
King *Charles* I. murdered	29
King *Charles* II. Returned	17
King *Charles* the II married	15
The terrible destructive wind in *February*	15
3 Blazing Stars in a short time	13
The great Plague in *London* whereof died 100000	12
London almost consumed by fire	11
The Merchants met again in the Royall Exchange	8
The Duke of Albemarle died	8
The Dutchess of Orleans at *Dov.* and died soon after	7
War proclaimed against the Dutch *March* 28	5
A peace concluded with the Dutch *Feb.* 9	3
The Duke of Monmouth Install. Chancellour of the University of *Cambridge*, *September* 3	3

Since

Some observations upon the various rising, and setting of the Moon.

IT is the opinion of the vulgar, that there is about an hours difference in the time of the Moons rising, and setting every night: but after Astronomers (according to her mean motion) the difference is onely 43 minutes, but these rules seldom prove true; for at one time of the year we may find the difference of her rising will be but little above an hour in four nights time; at another time the difference will be an hour and half in one night. Therefore in the first place take notice that those Full ☽ which happen in Signs of short Ascensions, which are ♈ ♉ ♓ ♈ will rise sooner the following evenings; and the new Moons happening in those signs, will sooner appear, or be visible to us, then those which happen in signs Direct, or of long Ascensions, which are ♋ ♌ ♍ ♎ ♐, but to come near or the matter, those full Moons which happen neareſt the Autumnal Equinox, viz. in Pisces or Aries, rise the sooneſt, or the leaſt distance in time of any in the year, for they being oblique signs, and the shorteſt signs of Ascension, do both of them Ascend the Horizon in one hour, and 36 minutes, that is, each of them in 48 minutes, so that the Autumnal full Moon this year happening in 18 degrees of Pisces, and having at that time great north Latitude, the difference for the time of her rising four nights together, will not be much above an hour.

On the contrary, those full Moons which happen in signs of Direct and long Ascensions, are longer before they rise in the following evenings, and the new Moons happening in those signs are longer before they appear or are visible to us as those new Moons which fall in Libra, or the beginning of Scorpio are but little seen in the first quarter.

Example, the Full Moon happening near the Vernal

Equi-

Equinox; this year 1677, viz. the 9 of March, in 28 deg. of Virgo, which with the following sign Libra are of longest Ascensions, both of them being 5 hours, 40 min. Ascending the Horizon, that is each of them 2 hours, 50 minutes, and the Moon at that time having great South Latitude, it will be an hour and half (the day following) after Sun setting, before she riseth, or as we usually say, she will sit an hour and an half the next evening.

But the new Moons happening about, and after the Vernal Equinox will be seen soon after the Change; as the Vernal new Moon falling this year on the 23 day of March, in 13 deg. of Aries a sign of long Descension, and the Moon having great North Latitude, she may (if the air be clear) the day following, be seen almost two hours high at Sun setting: but as I said before those new Moons which happen near or after the Autumnal Equinox are but little seen in the first quarter, as may be observed by the new Moon happening near the Autumnal Equinox this year, *viz.* the 16 day of September in the 4 degree of Libra, a sign of Direct, and short Descension, descending the Horizon in little more then three quarters of an hour, with which considering the Moon then in her mean motion; and having south Latitude, I find she will not be much above an hour high at Sun-setting the 4 day after the Change.

Take notice that the Moons north Latitude, causeth her to rise sooner and set later; her south Latitude to rise later and set sooner.

The reason of these things may better be found by the Globe; therefore I wish those that have skill therein, and desire better satisfaction, to make use of it, I shall next shew her names, motion, Latitude, &c.

We find the Moon called by divers names as Cynthia, Diana, Lucina, Latona, Noctiluca, Phœbe, Proserpina, the reason of which names may be seen in *Mystagogus Poeticus*

Poeticus; she finisheth her course through the Zodiack in 27 days, 7 hours, 43 minutes; she hath a threefold motion, *viz*. Swift in her Perigæon, moving 15 deg. in 24 hours; slow in her Apogæon moving but 11 deg. and 18 minutes; and being between both in her mean motion, she passeth 13 deg. and 10 min.

Her greatest Latitude north is 5 deg. and 17 min. her greatest south Latitude is 5 deg. and 12 min. her Latitude is that space which she is distant either North or South, from the Ecliptick; or thus, the Moon having 5 deg. north Latitude, in the end of Gemini, or beginning of Cancer, she is then 5 deg. more north or 5 degrees nearer our Zenith, at her Meridian Altitude, then the Sun at any time doth come; and when she hath the same Latitude in the most southern signs, she is so many degrees more south then the Sun at any time doth go.

The Sun hath also a threefold motion, *viz*. in his Apogæon 57 minutes, and 16 seconds in 24 hours; in his Perigæon 61 minutes, and 6 seconds; in his mean motion 59 minutes, and 8 seconds, from which variation of motion it comes to pass that there is about 7 days more from the Vernal Equinox to the Autumnal, then there is from the Autumnal Equinox to the Vernal.

Likewise the variation of the Suns motion is the cause that the days and nights do not lengthen, or shorten alike, at all times of the year, for whereas at some times they lengthen, or shorten, 4 minutes in a day; at other times we find they do not lengthen, or shorten two minutes in a day, and when the Sun is near, or toucheth the Tropicks, they seem to be at a stand for some days.

Of

Of the Cosmical, Acronical, and Heliacal rising, and setting of some of the principal fixed stars, every moneth in the year.

A Star is said to rise Cosmically, when it Ascends the Horizon at the same instant with the Sun, or with the same degree of the Ecliptick; but the Cosmical setting is when a star setteth at the same instant that the Sun ariseth;

The Acronical rising of a star is, when it riseth in the East Horizon, at the same instant that the Sun setteth in the West diametrically opposite; but the Acronical setting is when a Star Descends the Horizon at the same instant with the Sun;

The Heliacal rising is, when a Star having been hid under the Sun beams, begins again to appear, but the Heliacal setting is when a Star, by the approach of the Sun is overshadowed with his beams and so becomes invisible.

January.

The 7 day Lucida Corona sets Acronically, the 8 day the North Ascellus riseth Acronically, 9 day the right shoulder of Hercules sets Acronically, 15 day the lesser Dog riseth Acronically, and the 26 day the greater Dog, 27 day the vulture sets Acronically, 29 day the Eagle; and the bright star of the Crown riseth Heliacally.

February.

The 2 day the Lyons Heart riseth Acronically, and the 4 day setteth Cosmically, the 10 day the Dolphin setteth Acronically, 14 day the Heart of Hydra riseth Acronically, 16 day the Swans-bill setteth Acronically, and Markab Pegasi setteth Heliacally.

March.

The 6 day Vindemiatrix riseth Cronical, the 5 day the Horn of the Ram riseth Cosmically, the 10 day Arcturus riseth Cronically, at which time *Cardan* saith

Swallows

Swallows do come, and at its Acronical setting they go away again, the 12 day the Virgins Girdle riseth Cronically, the 21 day the Virgins Spick setteth Cosmically, and the 30 day she riseth Acronically.

April.

The 12 day the Whales Tail riseth Cosmical, the 22 day the 7 Stars riseCosmical and the South Ballance setteth Cosmically, the 29 day the Girdle of Andromeda setteth Acronically, and the 7 Stars set Heliacally.

May.

The 3 day Canis major setteth Acronically, the Hyades the 6 day, the 9 day the Pleiades set Cronically, the 10 day Aldebaran, the 18 day Procyon setteth Heliacal, the 23 day the Eagle riseth Cronical, and about that time the Scorpions Heart, the 27 day the Bulls eye riseth Cosmical.

June.

The 6 day the lesser Dog sets Cronically, which happening at a Full Moon (*Stadius* saith) doth much hurt to Fruits, Flowres, and Vines, by reason of his burning heat. it happens near the Full Moon this year, the 13 day Arcturus setteth Cosmical, the 16 day the Heart of Hydra sets Cronically, the 26 day the Head of Andromeda riseth Cronically.

July.

The 2 day Orions Belt riseth Cosmicall, and is accounted a Criticall day, for some say if it rain that day it will rain little or much every day for 4 weeks, but others say S. Swithin is the day, the 10 day Lucida-Corona sets Cosmicall, the 14 day Precepe riseth Cosmically, the 19 day the lesser Dog, and the 30 day the greater Dog, *Cardan* saith, that at the rising of this Star all

all living creatures are troubled, and that it is scarce possible that dryness, and sickness should not be; *Stadius* saith that Dogs then go mad; that wine is troubled in Cellars; fluxes in the Sea more then ordinary; with the death of Fishes, &c. Especially if Jupiter, or Mars be in fiery signs, but they are not so this year; Diaphanes saith, if at the rising of the great Dog Star with the Sun, the Moon be in Aries, it presage rain, and tempest; in Taurus storms; in Gemini pestilence; in Cancer dryness; in Leo burning heat; in Virgo showers, with untimely birth of Children; in Libra great dryness; in Scorpio Plagues; in Sagittarius, or Capricorn, rain and tempest; in Aquarius drought and sickness; in Pisces rain the ensuing year; the Moon is this year in Sagittarius; what alteration the rising of this Star with the Sun, may cause in hotter Countreys I cannot tell, but I seldom find much alteration with us without other causes adjoyning.

August.

The 2 day the Eagle setteth Cosmically, causing South-west winds, with great heat, *Cardan* saith it raiseth the Etesian winds, which according to Ptolome, continue 31 days; the 8 day *Regulus* riseth Cosmically, the 13 day the great Dog riseth Heliacal, at which rising there are many observations, as, if then the Heavens be cloudy, and dark, it signifieth a heavy time with Plagues, but being fair, and clear it is a good sign, &c. The 12 day the Dolphin setteth Cosmically, bringing rain.

September.

The 1 day is accounted Critical, if it rains not that day, the rest of Autumn is like to be dry, the 12 day Arcturus riseth Cosmically, the 18 day the bright Star of the Crown riseth Cosmicall, the 24 day the Virgins Spick sets Acronically, the 27 day Sinistral Pegasi setteth Cosmically.

October.

October.

The 3 day the Virgins Spick riseth Cosmically, the 10 day the left Shoulder of Hercules, the 15 day the Dragons Tail setteth Vespertine, the 17 day the Lyons-back setteth Acronically, the 23 day the South Ballance riseth Cosmically, the 24 day the Pleiades set Cosmically, the 31 day the Swans Bill riseth Cosmically.

November.

The 4 day the Scorpions Heart setteth Acronically, which with the Astrologers is a Critical day, the 5 day the great Dog setteth Cosmically, bringing Southern winds, the 8 day the Succulæ or Hyades set Cosmical, about which time, (some say) if it be wet, it will be a moist winter; if dry a sharp winter, the 24 Arcturus setteth Helical, often causing rain, saith *Cardan.*

December.

The 5 day the bright foot of Gemini setteth Cosmicall, the 12 Arcturus setteth Cronically; about the winter Solstice (which is at this time) we usually have calm weather, and therefore are called Halcyon days, but in December 1675 we had violent winds, a great part of the moneth, but Mars, and Mercury were near together all that moneth, and were twice in Conjunction, which was like to produce no good weather, as is noted in Doves Almanack for that year.

I know Astronomers have many observations upon the Cosmical, and Acronical rising and setting of the fixed Stars; and tell us they cause much alteration in the Air; but because I have seldom found it so, without other causes concurring, I have omitted most of their significations until I am better satisfied in the truth of them my selfe, and having likewise given a general conjecture of the weather in the former part of the Almanack, I shall add no more, but that there will be much heat, and thunder, in those countreys under Mars, and Scorpio.

A Table for the Assize of Bread.

Town bakers in Corporations. Price of Wheat.	By Troy weight, having twelve ounces in a pound, and 20 peny weight in each of those twelve ounces. Peny white.		Wheat.		Household.		By Avoir-du-pois weight, over-weight having 16 ounces in the pound, our common weights. d. White	Wheaten	Household	Country Bakers out of Corpor. Price of Wheat.
	li.	Ounc. d.	li.	Ounc. d.	li.	Ounc. d.	Ounc. qu.	Ounc. qu.	Ounc. qu.	
li. d.										li. d.
12	1	3 6	1	11 0	2	6 12	17 0	25 1	34 0	2 3
2 3	1	2 2	1	9 2	2	4 4	16 0	23 0	32 0	2 6
2 6	1	1 0	1	7 10	2	2 0	15 0	21 1	30 0	2 9
2 9	1	0 1	1	6 0	2	0 2	13 2	19 3	27 0	3 0
3 0	0	11 5	1	4 18	1	10 10	12 1	18 3	24 2	3 3
3 3	0	10 11	1	3 16	1	9 2	11 2	17 1	23 0	3 6
3 6	0	9 19	1	2 17	1	7 18	11 0	16 1	22 0	3 9
3 9	0	9 8	1	2 1	1	6 16	10 1	15 2	20 2	4 0
4 0	0	8 18	1	1 7	1	5 16	9 3	14 3	19 2	4 3
4 3	0	8 9	1	0 12	1	4 17	9 1	14 0	18 2	4 6
4 6	0	8 1	1	0 0	1	4 2	8 3	13 1	17 2	4 9
4 9	0	7 13	0	11 10	1	3 6	8 1	11 3	16 2	5 0
5 0	0	7 7	0	11 0	1	2 14	8 0	12 0	16 0	5 3
5 3	0	7 1	0	10 10	1	2 1	7 3	11 2	15 2	5 6
5 6	0	6 15	0	10 2	1	1 10	7 2	11 0	15 0	5 9
5 9	0	6 5	0	9 14	1	1 0	7 0	10 2	14 0	6 0
6 0	0	6 3	0	9 6	1	0 10	6 3	10 1	13 2	6 3
6 3	0	6 0	0	9 0	1	0 0	6 2	10 0	13 0	6 6
6 6	0	5 16	0	8 15	0	11 12	6 1	9 2	12 2	6 9
6 9	0	5 12	0	8 9	0	11 2	6 0	9 1	12 1	7 0

The proportion of the pound *Avoir-du-pois* to the pound *Troy*, is as 60 to 73; so that 60 pounds *Avoir-du-pois* are equal to 73 pounds *Troy*. The proportion of the ounce *Troy* to the ounce *Avoir-du-pois* is as 73 to 80; so that 73 ounces *Troy*, are equal to 80 ounces *Avoir du-pois* Therefore the pound *Avoir-du pois* is greater then the pound *Troy*: and the ounce *Troy* is greater then the ounce *Avoir-du-pois*.

Wheat at 5 shillings the Bushel or Strike, the Town-bakers peny white, is (by *Troy*) 7 ounces, 7 peny weight: by *Avoir-du-pois* 8 ounces: And the Countrey bakers peny white (by *Troy*) 7 ounces, 13 peny weight: by *Avoir-du-pois* 8 ounces and one quarter. If the baker want one ounce in 36 ounces of this assize, he shall suffer the Pillory without any fine or admonition, 51 *Hen.* 3.

A

A Catalogue of some eminent Cities and Towns, with their Latitude, and difference of Meridians from *London*.

Names of the Cities.	Latitude D.	m.	Diff. Ho.	m.	M
Aberdeen in Scotland	59	40	0	19	S
Amsterdam in Holland	52	24	0	21	A
Antwerp in Brabant	51	12	0	18	A
Barwick in England	55	49	0	6	S
Bedford in England	52	18	0	2	S
Briſtol in England	51	32	0	11	S
Cambridge in England	52	17	0	1	A
Calice in France	50	52	0	10	A
Conſtantinople	43	0	2	18	A
Dublin in Ireland	53	11	0	26	S
Dartmouth in England	50	30	0	15	S
Darby in England	53	6	0	5	S
Durham in England	54	45	0	5	S
Edenburg in Scotland	57	0	0	11	S
Frankford on Odor	52	20	0	58	A
Geneva	42	4	0	26	A
Grantham in England	57	58	0	2	S
Hereford in England	52	14	0	11	S
Hieruſalem	52	10	3	6	A
Lincoln in England	52	15	0	1	S
Leyden in Holland	52	7	0	19	A
Leiceſter in England	52	40	0	4	S
Middleburg in Zeland	52	30	0	16	A
Oxford in England	48	4	0	4	S
Paris in France	48	52	0	10	A
Quinzay in China	40	0	8	30	A
Rome in Italy	42	2	0	50	A
Tubing in Germany	48	34	0	38	A
Uraniburg in Denmark	55	54	0	50	A
York in England	54	0	0	4	S